

Inform Great Smoky Mountains National Park Resource Managers with Data Analysis and Visualization



Project Title	Inform Great Smoky Mountains National Park Resource Managers with Data Analysis and Visualization
Project Summary	Collaborate with park natural resource staff to streamline data analysis and visualization with R. Create simple, informative graphs and charts that are reproducible to standardize and simplify annual reporting and quality assurance efforts.
Country	United States

Project Description

Park managers are charged with making tough decisions based on the best, available science. Help park managers and decisions makers in Great Smoky Mountains National Park make informed decisions about natural resources through data analysis and data visualization. How many bears did we monitor last year? What was their average weight? Are the number of elk calves per year increasing over time? Help us answer these exciting questions with R! R is an open source statistical software that has quickly become a standard skill for natural resource professionals. Add this tool to your toolbox with guidance and collaboration with the park's natural resource staff.

The National Park Service preserves unimpaired the natural and cultural resources and values of the National Park System for the enjoyment, education, and inspiration of this and future generations. The Park Service cooperates with partners to extend the benefits of natural and cultural resource conservation and outdoor recreation throughout this country and the world.

Required Skills or Interests

Skill(s)

Analytical writing

Data analysis

Data visualization

Additional Information

Training and one-on-one mentorship will be provided in this exciting development opportunity. These skills will serve anyone looking to be employed in the natural resources field very well.

Language Requirements

None